

## **Ionospheric effects of solar eclipses at midlatitudes**

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### **Abstract**

The influence of solar eclipses on the ionospheric plasma is considered based on the data of midlatitude vertical sounding stations during the entire period from the beginning of ionospheric studies in Russia. Changes in the electron density in the F and E regions during solar eclipses have been quantitatively estimated. © Pleiades Publishing, Ltd. 2009.

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